



PATENT

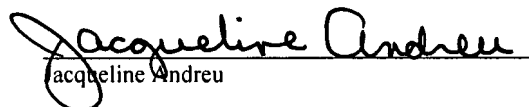
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: John G. Babish, et al.
Serial No.: 10/590,301
Filing Date: August 23, 2006
Title: Synergistic Anti-Inflammatory Pharmaceutical Compositions and Methods of Use
Confirmation No.: 7158
Art Unit: 1614
Docket No.: 068911-0169

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the U.S. Postal Service in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted (571) 273-8300 to the USPTO, on the date indicated below.

Date: August 28, 2007


Jacqueline Andreu

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

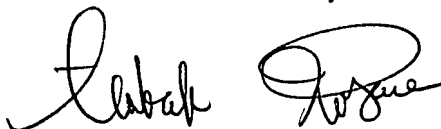
Enclosed for filing in connection with the above-referenced patent application are the following documents:

- 1) Information Disclosure Statement (2 pages);
- 2) Information Disclosure Statement (Form 1449) (5 pages);
- 3) References cited in IDS (Form 1449) B1-B17 and C1-C60; and
- 4) Return Receipt Postcard.

There are no fees believed to be due with the filing of this Information Disclosure Statement. However, the commissioner is hereby authorized to charge any fees that may be required to our Deposit Account No. 50-1133.

Respectfully submitted,

McDermott Will & Emery LLP



Atabak R. Royae, Reg. No.: 59,037
McDermott Will & Emery LLP
28 State Street
Boston, MA 02109-1775
Telephone: (617) 535-4108
Facsimile: (617) 535-3800

Date: August 28, 2007



PATENT

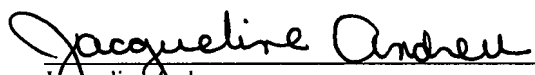
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: John G. Babish, et al.
Serial No.: 10/590,301
Filing Date: August 23, 2006
Title: Synergistic Anti-Inflammatory Pharmaceutical Compositions and Methods of Use
Confirmation No.: 7158
Art Unit: 1614
Docket No.: 068911-0169

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the U.S. Postal Service in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted (571) 273-8300 to the USPTO, on the date indicated below.

Date: August 28, 2007


Jacqueline Andreu

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)

Applicants and their attorney are aware of the following publications and information, listed on the attached Form PTO-1449 Form, and in accordance with 37 C.F.R. §§ 1.56 and 1.97(b) hereby submit these publications for the Examiner's consideration. According to the United States Patent and Trademark Office OG Notices: 05 August 2003, copies of cited U.S. patents and U.S. patent application publications are waived and not submitted with this Statement. Enclosed are copies of foreign references B1-B17 and other references cited as C1-C60. This Statement is being filed before the receipt of a first Office Action on the merits for the above-referenced application.

This Statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, the Applicants understand that the Examiner will make an independent evaluation of the cited publications.

U.S. Application Serial No. 10/590,301
John G. Babish, et al.
Filing Date: August 23, 2006

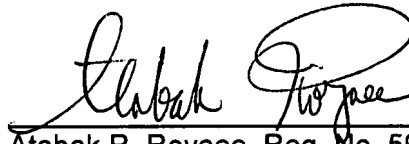
If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited document does not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

No additional costs are believed to be due in connection with the filing of this disclosure. However, please charge any necessary fees to our Deposit Account No. 50-1133.

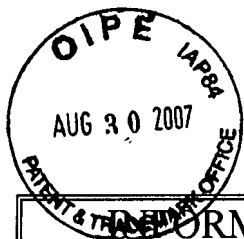
Respectfully submitted,

McDERMOTT WILL & EMERY, LLP

Dated: August 28, 2007

A handwritten signature in black ink, appearing to read 'Atabak Royae', is written over a horizontal line.

Atabak R. Royae, Reg. No. 59,037
McDERMOTT WILL & EMERY, LLP
28 State Street
Boston, Massachusetts 02109-1775
Tel. (617) 535-4108
Fax: (617) 535-3800



INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)	ATTY. DOCKET NO. 068911-0169	SERIAL NO 10/590,301
	APPLICANT John G. Babish, et al.	
	FILING DATE August 23, 2006	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US 3,552,975	1/5/1971	Worden, et al.	
	A2	US 3,720,517	3/13/1973	Bavisotto, et al.	
	A3	US 3,932,603	6/13/1976	Haas	
	A4	US 3,933,919	1/20/1976	Wilkinson	
	A5	US 3,965,188	6/22/1976	Westermann, et al.	
	A6	US 4,123,561	10/31/1978	Grant	
	A7	US 4,133,903	1/9/1979	Thiele, et al.	
	A8	US 4,148,873	4/10/1979	Owades	
	A9	US 4,154,865	5/15/1979	Grant	
	A10	US 4,170,638	10/9/1979	Owades	
	A11	US 4,401,684	8/30/1983	Versluys	
	A12	US 4,473,551	9/25/1984	Schinitzky	
	A13	US 4,554,170	11/19/1985	Panzer, et al.	
	A14	US 4,644,084	2/17/1987	Cowles, et al.	
	A15	US 4,692,280	9/8/1987	Spinelli	
	A16	US 4,767,640	8/30/1998	Goldstein, et al.	
	A17	US 4,857,554	8/15/1989	Kallimanis	
	A18	US 5,006,337	4/9/1991	Motitschke, et al.	
	A19	US 5,013,571	5/7/1991	Hay	
	A20	US 5,073,396	12/17/1991	Todd, Jr.	
	A21	US 5,082,975	1/21/1992	Todd, Jr., et al.	
	A22	US 5,155,276	10/13/1992	Paul	
	A23	US 5,166,449	11/24/1992	Todd, Jr., et al.	
	A24	US 5,286,506	2/15/1994	Millis, et al.	
	A25	US 5,296,637	02/01/2000	Ting, et al.	
	A26	US 5,387,425	2/7/1995	Hsu, et al.	
	A27	US 5,604,263	2/18/1987	Tobe, et al.	
	A28	US 5,624,236	11/23/1993	Ogasahara, et al.	
	A29	US 5,641,517	6/24/1997	Eskeland, et al.	
	A30	US 5,827,895	10/27/1998	Nutter, et al.	
	A31	US 5,968,539	10/19/1999	Beerse et al.	
	A32	US 6,020,019	5/21/2002	Ting et al.	
	A33	US 6,129,907	2/1/2000	Sreenivasan, et al.	
EXAMINER				DATE CONSIDERED	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

[illegible]

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 068911-0169		SERIAL NO 10/590,301	
				APPLICANT John G. Babish et al.			
				FILING DATE August 23, 2006		GROUP 1614	

FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number + -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
	B1	DE 19841615	3/16/2000	Mueller	Abstract		
	B2	DE 2212148	9/28/1972	GEN FOODS CORP	Abstract		
	B3	DE 3931147	3/28/1991	SO LONG NATURAL LTD	Abstract		
	B4	JP 07194351	8/1/1995	Nippon Zoki Pharm Co., Ltd.	Abstract		
	B5	JP 410025247	1/27/1998	ASAHI BREWERIES LTD	Abstract		
	B6	JP 10152428	6/9/1998	KANEBO LTD	Abstract		
	B7	JP 9067245	3/11/1997	Ashai Breweries, Ltd.	Abstract		
	B8	JP 04202138	7/22/1992	Asahi Breweries Ltd	Abstract		
	B9	JP 6312924	11/8/1994	Asahi Breweries Ltd	Abstract		
	B10	JP 363211219	9/2/1988	TAIYO KORYO KK	Abstract		
	B11	JP 8073369	3/19/1996	Kubo M			
	B12	RU 2045955	10/20/1995	Nikitina	Abstract		
	B13	SU 1247011	7/30/1986	SP K B KHIM N PROIZV OBEDINENI	Abstract		
	B14	WO 00/68356	11/16/2000	Yakima Chief, Inc.			
	B15	WO00/74696	12/14/2000	OXFORD NATURAL PRODUCTS PLC			
	B16	WO02/02582	1/10/2002	Deutsches			
	B17	WO99/44623	9/10/1999	NPS PHARMA INC			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		See sheet Nos. 4-5	

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)		ATTY. DOCKET NO. 068911-0169	SERIAL NO 10/590,301
		APPLICANT John G. Babish et al.	
		FILING DATE August 23, 2006	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
	C1	"Information on arthrotrimtm product", downloaded from Internet 8/30/02.	
	C2	"Information on Zyflamend and Zyflamend PM", downloaded from Internet 8/30/02.	
	C3	"Information on Hops and Beer Flavours", downloaded from internet 02/15/2005	
	C4	Anto, <i>et al.</i> Pharm. Pharmacol. Comm. 4:103-106 (1998)	
	C5	Bermejo, <i>et al.</i> Rev. Esp. Enferm. Dig. 95: 621-624 and 625-628 (2003)	
	C6	Brown, <i>et al.</i> J. Chem. Soc. 545 (1959)	
	C7	Byrne, <i>et al.</i> J. Chem. Soc. (c):2810 (1971)	
	C8	Carroccio, <i>et al.</i> Clin. Chem. 49:861-867 (2003)	
	C9	Carson, j. Am. Chem. Soc. 73:1850-1851 (1951)	
	C10	Chandra, <i>et al.</i> Indian J. Medical Research 60(1):138-142 (1972)	
	C11	Charlier, <i>et al.</i> Eur. J. Med. Chem. 38:645-659 (2003)	
	C12	CHOU <i>et al.</i> Eur. J. Biochem. 115:207-216 (1981)	
	C13	Chou, <i>et al.</i> Adv enzyme regul 22:27-55 (1984)	
	C14	Chou, <i>et al.</i> J. Biol. Chem. 252:6438-6442 (1977)	
	C15	Chou, <i>et al.</i> J. Theor. Biol. 35:285-297 (1972)	
	C16	Chou, <i>et al.</i> Trends Pharm. Sci. 4:450-454 (1983)	
	C17	Chou, j. Theor. Biol. 59:253-276 (1976)	
	C18	Costa, <i>et al.</i> Digest. Liver Dis. 35:642-647 (2003)	
	C19	Davies, WL. Abstract - Fertiliser, Feeding stuffs and Farm Supplies J. 11:694 (1926)	
	C20	Ding, <i>et al.</i> Biochem. Biophy. Res. Comm. 261:218-223 (1999)	
	C21	Friedman, <i>et al.</i> J Cutan Med. Surg. 6(5):449-459 (2002)	
	C22	Germany, "The Absolutely German Drink," contents of beer, 2004, 5 pages.	
	C23	Goldstein, <i>et al.</i> Am. J. Gastroenterol. 96:1019-1027 (2001)	
	C24	Halter, <i>et al.</i> Gut 49:443-453 (2001)	
	C25	Hamberg, <i>et al.</i> J. Bio. Chem. 246:6713-6721 (1971)	
	C26	Huang, <i>et al.</i> Cancer Res. 51:813-819 (1991)	
	C27	International Search Report for PCT/US02/19617	
	C28	International Search Report for PCT/US04/16043	
	C29	Jach, Przegl Dermatol. 65(4):379-382 (1978)	
	C30	Kaltner, D., Untersuchungen zur Ausbildung des Hopfenaromas und technologische MaBnahmen zur Erzeugung hopfenaromatischer Biere, Technische Universitat Munchen, (11/30/2000), pp. 1-193, plus Tabs. AH1 - AH31.	
EXAMINER		DATE CONSIDERED	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)		ATTY. DOCKET NO. 068911-0169	SERIAL NO 10/590,301
		APPLICANT John G. Babish et al.	
		FILING DATE August 23, 2006	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
	C31	Kanematsu, <i>et al.</i> J Bone Miner Res <u>12</u> (11):1789-1796 (1997)	
	C32	Lopes, Curr. Med Res Opin. <u>8</u> :145-149 (1982)	
	C33	Meling, <i>et al.</i> Scand. J. Gastroenterol. <u>31</u> :339-344 (1996)	
	C34	Noreen, <i>et al.</i> J. Nat. Prod <u>61</u> :2-7 (1998)	
	C35	Pairet, <i>et al.</i> Inflamm. Res <u>47</u> , Supplement 2s93-s101 (1998)	
	C36	Panglisch, monafsschrift fuer brauwissen schaft, 1990, 43(1), 4-16	
	C37	Pippa, <i>et al.</i> Scand. J. Gastroenterol. Suppl. <u>167</u> :32-35 (1989)	
	C38	Plewig, <i>et al.</i> J Invest. Dermatol. <u>65</u> (6):532-536 (1975)	
	C39	Poullis, <i>et al.</i> J. Gastroenterol. Hepatol. <u>18</u> :756-762 (2003)	
	C40	Ringbom, <i>et al.</i> J. Nat Prod <u>61</u> :1212-1215 (1998)	
	C41	Røseth, digest. Liver Dis. <u>35</u> :607-609 (2003)	
	C42	Schjerven, <i>et al.</i> Br. J. Dermatol. <u>149</u> :484-491 (2003)	
	C43	Shah, <i>et al.</i> Gut <u>48</u> :339-346 (2001)	
	C44	Shimamura, <i>et al.</i> Biochem. Biophys. Res. Comm. <u>289</u> :220-224 (2001)	
	C45	Shureiqi, <i>et al.</i> Cancer res. <u>61</u> :6307-6312 (2001)	
	C46	Sivri, fundam. Clinic. Pharmacol. <u>18</u> :23-31 (2004)	
	C47	Smith, <i>et al.</i> , Natural Foam Stabilizing and Bittering Compounds Derived From Hops, Journal of the American Society of Brewing Chemists, Vol. 56, No. 2, 1998, pp. 52-57	
	C48	Subbaramaiah, <i>et al.</i> Cancer Res. <u>60</u> :2399-2404 (2000)	
	C49	Suh, <i>et al.</i> Cancer Res. <u>58</u> :717-723 (1988)	
	C50	Tagashira, <i>et al.</i> , Biosci. Biotech. Biochem. <u>59</u> (4):740-742 (1996)	
	C51	Thomas m. Newmark and paul schulick, "Beyond Aspirin nature's answer to arthritis, cancer & alzheimer's disease," hohm press (2000) release 7; pp. 147-151, 248.	
	C52	Tibble, <i>et al.</i> Drugs Today <u>37</u> :85-96 (2001)	
	C53	Tibble, <i>et al.</i> Gut <u>45</u> :362-366 (1999)	
	C54	Tobe, <i>et al.</i> Biosci. Biotech. Biochem <u>61</u> (1):158-159 (1997)	
	C55	Vanhoenacker, <i>et al.</i> , Analysis of iso-alpha-acids and reduced iso-alpha-acids in beer by direct injection and liquid chromatography with ultraviolet absorbance detection or with mass spectrometry, Journal of Chromatography, Vol. 1035, No.1, (4-30-2004), pp.53-61	
	C56	Wang, <i>et al.</i> Free Radical Biology & Medicine <u>27</u> :612-616 (1999)	
	C57	Warner, <i>et al.</i> Proc Natl Acad Sci USA <u>96</u> :7563-7568 (1999)	
	C58	Yamamoto, <i>et al.</i> Abstract - Prostaglandins & Other Lipid Mediators <u>59</u> :1-235 (1999)	
	C59	Yamamoto, FEBS Letters <u>465</u> :103-106 (2000)	
	C60	Yui, <i>et al.</i> Biol. Pharm. Bull. <u>26</u> :753-760 (2003)	
EXAMINER		DATE CONSIDERED	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.